

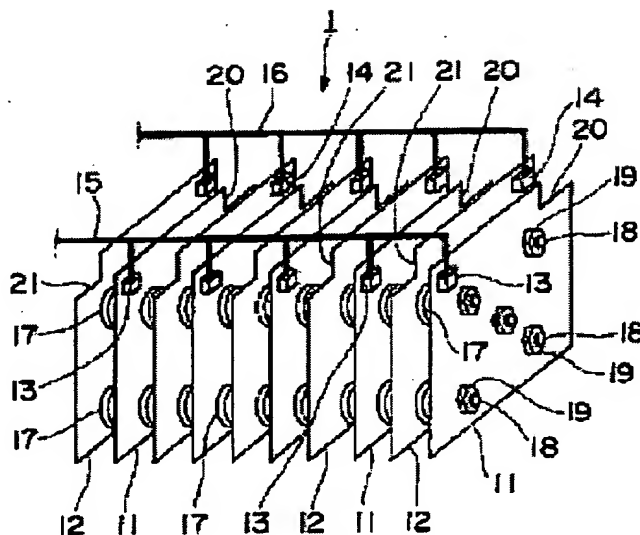
ELECTROLYTIC APPARATUS FOR WATER TREATMENT

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Classification:
 - international: C02F1/463; C02F1/465; E03F5/14
 - european:
Application number: JP19960324414 19961204
Priority number(s): JP19960324414 19961204

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Abstract of JP10165957

PROBLEM TO BE SOLVED: To provide an electrolytic apparatus for water treatment capable of reducing cost and power consumption and capable of normally performing electrolysis. **SOLUTION:** This apparatus is provided with an anode plate 11 and a cathode plate 12 both of which are arranged in opposed relationship and the anode connection jig 13 and cathode connection jig 14 connecting the anode and cathode plates 11, 12 to an external power supply and an insulating spacer 17 having predetermined thickness is interposed at a predetermined position between the anode and cathode plates 11, 12 and an insulating rod-shaped member 18 is allowed to pierce through the anode and cathode plates 11, 12 to integrally fix the anode plate 11, the cathode plate 12 and a spacer 17.



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98-406810/35 D15 J03 MAED- 96.12.04
 MAEDA SEISAKUSHO KK *JP 10165957-A
 96.12.04 96JP-324414 (98.06.23) C02F 1/463, 1/465, E03F 5/14
 Electrolysis device for water treatment - uses insulating bolts for
 securing anode and cathode plates with insulating spacers of
 predetermined thickness interposed between each adjacent pair of
 plates
 C98-122580
 Admnl. Data: MAEDA KENSETSU KOGYO KK (MAED-)

The electrolysis device has a number of anode plates (11) and equal
 number of cathode plates arranged alternately. Insulating spacers (17)
 of predetermined thickness are interposed between the anode and
 cathode plates. The anode, cathode plates and the spacers are secured
 together by a number of rod shaped insulating bolts (18). The anode
 and cathode plates are connected respectively by a positive and
 negative busbars (13,14) to an external energiser.

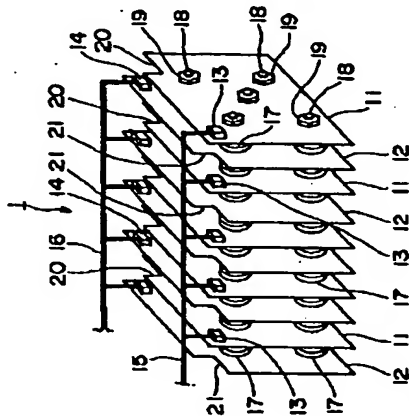
USE

For purification of cement group drain, filtration of water and
 sewer services, electric dust catcher.

ADVANTAGE

D(4-A1M) J(3-B)

Simplifies composition of device by avoiding necessity of frame
 for maintaining each electrode plate. Reduces cost by reducing
 assembly and process man-hours. Reduces power consumption by
 maintaining minimum predetermined gap between adjacent plates.
 Avoids dissolving of bus bars. Ensures proper electrolytic action by
 uniform distribution of current to each electrode plate. (SL)



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